

with NASA's Applied Sciences' Capacity Building
DEVELOP National Program



About Projects

Teams of DEVELOP participants partner with decision makers to conduct rapid feasibility projects that highlight relevant applications of Earth observing missions, cultivate advanced skills, and increase understanding of NASA Earth science data and technology.



Please contact us with any questions about the program at NASA-DL-DEVELOP@mail.nasa.gov.

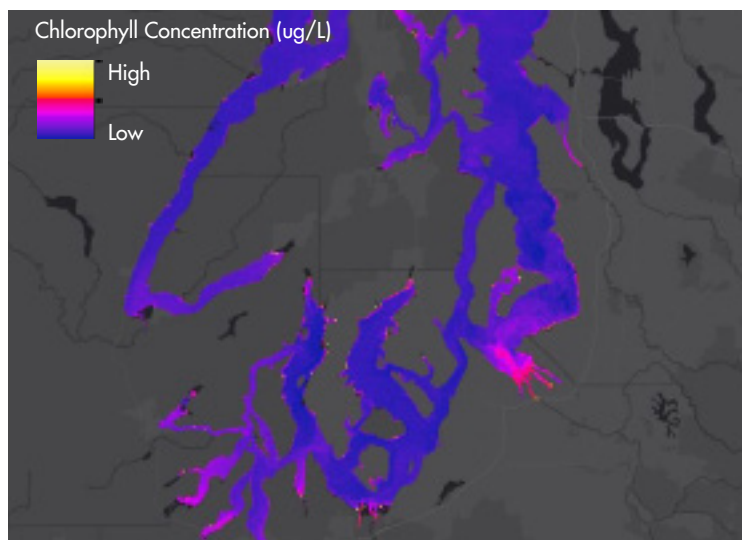


DEVELOP

SCIENCE SERVING SOCIETY

Project Example Puget Sound Water Resources

Eutrophication and harmful algal blooms have become more prevalent in the Puget Sound since 2000, negatively impacting water quality and wildlife. Partnering with the Pacific States Marine Fisheries Commission Habitat Program, this project identified the most accurate methods for using satellite imagery to monitor water quality in the Puget Sound. The products developed help to determine areas at a higher risk of HAB events and further inform local decision-making practices and management of water resources.



"Pacific States Marine Fisheries Commission has not used remote sensing data from satellites in their work. This project has opened up a window into the potential power and utility of these datasets for monitoring. Such tools could potentially help us fill existing data gaps where on the ground monitoring data is lacking and better understand temporal and spatial patterns in water quality."

--- Fran Recht, Pacific States Marine Fisheries Commission Habitat Program

Project Process



How to Engage

DEVELOP collaborates with a wide variety of organizations (state and local governments, NGOs, federal agencies, international organizations, etc.) to conduct rapid feasibility projects focused on applying NASA Earth observations to environmental decision-making processes. DEVELOP is built on strong projects that stem from robust partnerships. The program seeks engaged partners who value scientific collaboration, and most importantly, regular communication during the short 10-week term.

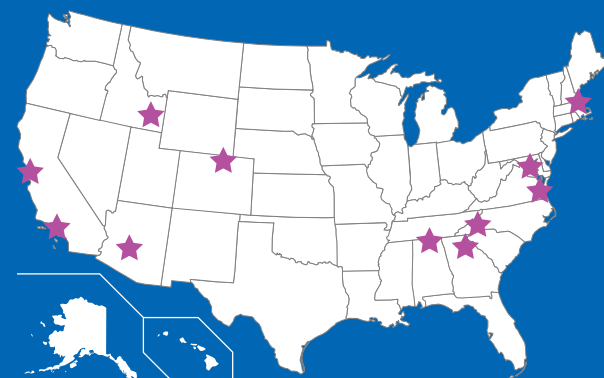
Any organization interested in partnering with DEVELOP can contact the National Program Office and discuss potential project ideas by completing a project request form and submitting it through email. The form can be found online at <https://develop.larc.nasa.gov/projects.php>

www.nasa.gov

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What are NASA Earth Observations?

Space is one of the best vantage points from which to study Earth. NASA satellites and airborne missions are continually collecting information about Earth's ocean, atmosphere, and land surfaces. This Earth observation imagery can be applied to environmental issues and provide decision makers with new information to enhance their response.



More About DEVELOP - [DEVELOP.larc.nasa.gov](https://develop.larc.nasa.gov)